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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,669	12/31/2003	David Craig McGlamery	014033-000019	1668
24239	7590	09/20/2006	EXAMINER	
MOORE & VAN ALLEN PLLC P.O. BOX 13706 Research Triangle Park, NC 27709			KOYAMA, KUMIKO C	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 09/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/707,669	Applicant(s) MCGLAMERY ET AL.	
	Examiner Kumiko C. Koyama	Art Unit 2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,9,10,12,17,18,20 and 25-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,2,4,9,10,12,17,18,20 and 25-27 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>0706</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Amendment received on May 11, 2006 has been acknowledged.

1. This application is in condition for allowance except for the following formal matters:

Claim Objections

2. Claims 9, 10 and 12 are objected to because of the following informalities:

Re claim 9: "A computer program product" should be changed to --A computer-readable medium--. All "compute program product" should be changed thereafter. A computer program product does not comply with 35 USC 101 (See MPEP 2106).

Re claims 10 and 12: "The computer program product" should be changed to --The computer-readable medium--.

Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Allowable Subject Matter

3. Claims 1, 2, 4, 9, 10, 12, 17, 18, 20 and 25-27 are allowed.

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4. The following is a statement of reasons for the indication of allowable subject matter:

Prior art of record, Brooks, discloses an image data driven from the imaging device that is utilized to perform machine character recognition to ascertain the courtesy amount on the documents being processed. Brooks also discloses an enhancer, which is used to eliminate unnecessary background information and to make the pertinent data stand out from the background information. Brooks also discloses that for each individual number of courtesy amount read, there is an associated number developed to indicate the confidence level associated with that number read. Brooks also discloses MICR and OCR readers. Brooks also discloses that the document is direct through the path within an action window to permit an operator to perform corrective action on the document via conventional data entry procedures.

However, Brooks fails to teach forwarding at least one of the stored image and the document when the stored data field has the error but no include routing information. Brooks also fails to teach applying an image-based correction to the error in the stored data field using a comparison of a result of the OCR process and the stored data field, wherein the correction is applied subject to minimum confidence level.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Cain, U.S. Patent No. 4,523,330, discloses a banking system and method having an imaging device.

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Brooks et al., U.S. Patent No. 4,555,617, discloses a concurrent, image-based, reject-re-entry repair system and method including an imaging device and OCR.

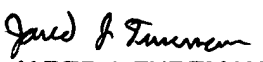
Downs, Jr. U.S. Patent No. 7,092,561, discloses a character recognition, including method and system for processing checks with invalidated MICR lines.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kumiko C. Koyama whose telephone number is 571-272-2394. The examiner can normally be reached on Monday-Friday 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Kumiko C. Koyama
September 18, 2006


JARED J. FUREMAN
PRIMARY EXAMINER